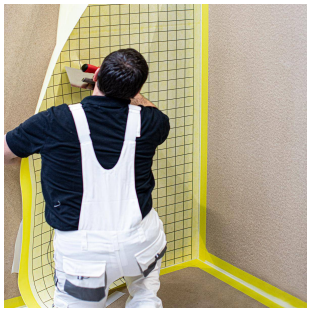
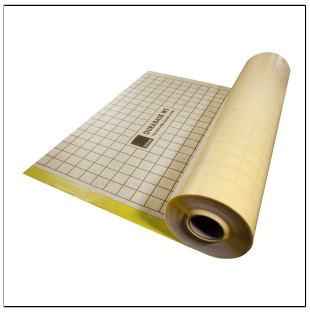
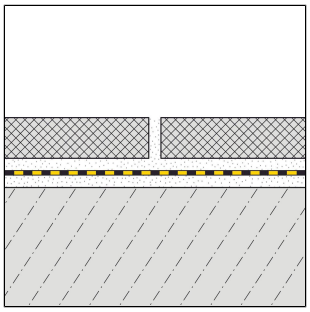
EN Datasheet

DURABASE WS

Self-Adhesive Sealing Mat For Secure Sealing Of Walls And Floors In Indoor Areas

ACCESSORIES

Tub joint tape, sealing corners for external and internal use and pipe collars
Classic Flex M310

PROPERTIES

Colour: yellow / black
Water impermeability (DIN EN 1928, method B): > 3.0 bar
UV resistance (DIN EN 4892-2): 500 h
Equivalent air layer thickness (sd) (DIN EN 1931): > 85m
Adhesive strength (DIN 1348): > 0.2 Nm / mm²
Fire class: B2 (DIN EN 4102)
Temperature resistance: -30°C to +90°C

Resistance after 7 days at room temperature (internal measurement)
Hydrochloric acid 3%: resistant
Sulphuric acid 35%: resistant
Citric acid 100g/l: resistant
Lactic acid 5%: resistant
Sodium hypochlorite 0.3g/l: resistant
Salt water (20 g/l sea salt): resistant
Potassium hydroxide 3% / 20%: resistant/resistant
Alkali 28d / 40° / 3% (test specification AbP): resistant
Alkali (test specification ETAG 022 16 weeks): resistant

MATERIAL

Polypropylene fleece
Polyethylene film

PROCESSING

Please note: For technical reasons, tolerances in color effects of the materials and print are possible.
All information is based on the best of our knowledge and belief. No guarantee can be derived from this.
We reserve the right to any technical changes if they are in the interest of progress or if they are production-related.

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1. The substrate must be dry, free from substances that impair adhesion, load-bearing, level and free from cracks. Any levelling work must be carried out before installing DURABASE WS. Treat the installation substrates with DURABASE WS spray primer. Once the primer has had a short time to dry, installation of the components can begin.
2. First, fit the moulded parts, tube joint tapes and collars by hand or using the plastic spatula provided. To do this, peel back the backing film on the reverse side of the component slightly, position the component correctly and adhere it gradually without leaving any bubbles by peeling back the backing film from the reverse side. Continue in this manner until all components are fully and bubble-free installed.

3. Next, mark out the area to be covered with DURABASE WS and, if necessary, cut the mat to size. If required, cut out any necessary holes (e.g. for water pipe penetrations) to fit precisely.

4. Apply the cut-to-size membrane sheets starting from the internal corner of the shower and working towards the outdoor areas. Ensure that the smooth foil strip is always facing outwards so that any additional membrane sheet can be joined here with the corresponding sealing and an overlap of at least 5 cm. To install the membrane strip, peel back a small section of the backing film on the 5 cm wide fixing strip – whilst aligning and positioning the mat. Secure the waterproofing membrane and apply it fully by peeling back the fixing strip from the rear. Gradually adhere the remaining backing films without creating bubbles by peeling them back from the rear, using your hand or the enclosed plastic trowel. Lay adjacent sheets with a minimum overlap of 5 cm – note the working strip (yellow, smooth and without fleece). Once the compound sealing is complete, press all components down carefully once more using the enclosed plastic trowel.

5. The tile covering can be applied or laid using the thin-bed method without any waiting time.

The generally accepted rules of technology and tiling must be observed. Suitability for use with mechanical and chemical resistance must always be checked in each individual case.

TECHNICAL DIMENSIONS AND PRODUCT VARIANTS

Material	[Polyethylene]
Colour	yellow
Length	5 m, 10 m, 30 m
Width mm	100 cm
Surface area (sqm)	5 m², 10 m², 30 m²
Strength mm	0,8

PRODUCT VARIANTS

Ident	Colour	Length

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WS 5/1	yellow	5 m
WS 10/1	yellow	10 m
WS 30/1	yellow	30 m

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The recognised standards and regulations of technology must be observed. Previous data sheets are invalid.